

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	38-21(51842)C
First Inventor	Murtaza F. Alibhai
Title	Insect Inhibitory Lipid Acyl Hydrolases
Express Mail Label No.	EV113668621US

10/682011  
100903**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 68]  
(Preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 13 ]
5. Oath or Declaration [ Total Pages 3 ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
 (for continuation/divisional with Box 18 completed)
- i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s)  
 named in the prior application, see 37 CFR  
 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

- ACCOMPANYING APPLICATION PARTS**
9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of  
(when there is an assignee)  Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure  Copies of IDS  
Statement (IDS)/PTO-1449  Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17.  Other: Req: for Use of Prev: Filed Seq: Listing

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. 09,755,274

Prior application information: Examiner: Cynthia E. Collins

Group Art Unit 1638

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach Bar Code Label Here)		<input type="checkbox"/> Correspondence address below
Name			
Address			
City	State	Zip Code	Fax
Country	Telephone		

Name (Print/Type)	Timothy K. Ball, Ph.D., Esq.	Registration No. (Attorney/Agent)	42,287
Signature			Date 10-8-03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

13-8-2003  
13-8-2003  
13-8-2003

# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 770.00)

**Complete If Known**

Application Number	Unknown
Filing Date	October 9, 2003
First Named Inventor	Murtaza F. Alibhai
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	38-21(51842)C

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number	13-4125
Deposit Account Name	Monsanto Company

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 0)**

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Timothy K. Ball, Ph.D., Esq.	Registration No. (Attorney/Agent)	42,287	Telephone	314-694-5811
Signature	<i>Ball</i>				
Date	10-8-03				

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE UNDER 37 C.F.R. §1.10

I hereby certify that the documents enclosed herein are being deposited with the United States Postal Service on this 9 day of October, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV11366862IUS addressed to: MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

*Michelle Ludwig*  
Michelle Ludwig

In re application of:

Alibhai et al.

)

)

) Examiner: Unknown

Serial No.: Unknown

)

) Group Art Unit: Unknown

Filed: October 9, 2003

)

) Conf. No. Unknown

For: Insect Inhibitory Lipid Acyl Hydrolases

)

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

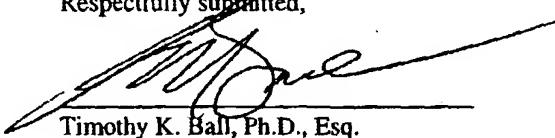
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Transmitted herewith are the following documents in the above-identified application.

- Utility Patent Application Transmittal
  - Fee Transmittal for Year 2003;
  - Preliminary Amendment
  - Request for Use of Previously Filed Sequence Information in Related Application
  - Copy of Declaration from Parent Application
  - Patent Application for Insect Inhibitory Lipid Acyl Hydrolases
  - Paper Copy of Sequence Listing
  - Please debit \$770.00 from Deposit Account 13-4125 for the fee required with this filing.
  - Please charge any deficiencies or credit any overpayment to Deposit Account 13-4125.
- A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Timothy K. Ball, Ph.D., Esq.

Reg. No. 42,287

Corporate Counsel - Monsanto Company

800 North Lindbergh Boulevard, Mail Zone E2NA

St. Louis, Missouri 63167

(314) 694-5811

(314) 694-5311 (fax)